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A-64236-1/JPB, RFI

JUNE 20, 1997

PTAS

FLEHR, HOHBACH, TEST, ALBRITTON, ET AL.
RICHARD F. TRECARTIN
FOUR EMBARCADERO CENTER, SUITE 3400
SAN FRANCISCO, CALIFORNIA 94111-4187



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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/09/1997

REEL/FRAME: 8497/0702
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

HAMMERMAN, MARC

DOC DATE: 03/19/1997

ASSIGNEE:

WASHINGTON UNIVERSITY
ONE BROOKINGS DRIVE
ST. LOUIS, MISSOURI 63130

SERIAL NUMBER: 08797201
PATENT NUMBER:

FILING DATE: 02/11/1997
ISSUE DATE:

SHIRLIE SIMON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

MRD 05-09-97
FORM PTO-1595
1-31-92
MAY 09 1997

05-14-1997

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



To the Honorable Commissioner of Patent
copy thereof.

OIPE 100418558

attached original documents or

1. Name of conveying party(ies): Hammerman
HAMMERMAN

OCT 23 2002

2. Name and address of receiving party(ies):

Internal Address: Washington University

Additional name(s) of conveying
party(ies) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
Execution Date: 19 March 1997

Street Address: One Brookings Drive

City: St. Louis

State: MO Zip: 63130

Additional name(s) & address(es) attached?

☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s) 08/797,201

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence
concerning document should be mailed:

Name: Richard F. Trecartin

Internal Address: FLEHR, HOHBACH, TEST,
ALBRITTON & HERBERT

Street Address: SUITE 3400

FOUR EMBARCADERO CENTER

City: SAN FRANCISCO

State: CA Zip: 94111-4187

6. Total number of applications
and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$40.00

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☐ Authorized to be charged to
deposit account

8. Deposit account number: 06-1300

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct
and any attached copy is a true copy of the original document.

Jan P. Brunelle
Name of Person Signing

Jan P. Brunelle
Signature

May 6, 1997
Date

Total number of pages including cover sheet, attachments and document: [4]

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File No. A-64236-1/RFT/JPB

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Rev. 8/93

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ASSIGNMENT
(NOT ACCOMPANYING APPLICATION)

WHEREAS, the undersigned, Marc Hammerman (hereinafter termed "Inventor"), a resident of St. Louis, State of Missouri, has invented certain new and useful improvements in CHIMERIC KIDNEY and has executed an application for a United States patent disclosing and identifying the invention on even date herewith; and having Serial No. 08/797,201 and filing date of 11 February 1997; and

WHEREAS, Washington University (hereinafter termed "Assignee"), a corporation of the State of Missouri, having a place of business at One Brookings Drive, St. Louis, 63130, State of Missouri, is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Inventor (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor to have been received in full from said Assignee:

1. Said Inventor does hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every

patent granted on any application which is a division, substitution, or continuation of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventor hereby covenants and agrees to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventor shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor in providing such cooperation shall be paid for by said Assignee.

3. The terms, covenants and conditions of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor, his heirs, legal representatives and assigns.

4. Said Inventor hereby warrants and represents that he has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

Marc Hammerman

5/95 (SOLE TO CORPORATE)

A-64236-3



**UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

JUNE 30, 1999

PTAS

FLEHR HOHBACH TEST ET
RICHARD F. TRECARTIN
FOUR EMBARCADERO CENTER, STE. 3400
SAN FRANCISCO, CA 94111-4187



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RECORDATION DATE: 04/05/1999

REEL/FRAME: 9910/0171

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

HAMMERMAN, MARC R.

DOC DATE: 02/26/1999

ASSIGNOR:

ROGERS, SHARON A.

DOC DATE: 02/26/1999

ASSIGNEE:

WASHINGTON UNIVERSITY
ONE BROOKINGS DRIVE
ST. LOUIS, MISSOURI 63130

SERIAL NUMBER: 09222460

FILING DATE: 12/29/1998

PATENT NUMBER:

ISSUE DATE:

MAURICE CARTER, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

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04-30-1999



To the Honorable Commissioner of Patent
thereof.

101024421

attached original documents or copy

1. Name of conveying party(ies):

- (1) Marc R. Hammerman
(2) Sharon A. Rogers

Additional name(s) of conveying
party(ies) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name

Execution Date: 02/26/99

2. Name and address of receiving party(ies):

Internal Address:

Washington University

Street Address:

One Brookings Drive

City: St. Louis

State: MO

Zip: 63130

Additional name(s) & address(es) attached?

☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s):

09/222,460

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence
concerning document should be mailed:

Name: Richard F. Trecartin

Internal Address: FLEHR HOHBACH TEST

ALBRITTON & HERBERT LLP

Street Address:

Four Embarcadero Center, Suite 3400

City: San Francisco

State: CA

Zip: 94111-4187

6. Total number of applications
and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00

☐ Enclosed

☒ Authorized to be charged to
deposit account

8. Deposit account number: 06-1300

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overpayment to the above deposit account.

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct
and any attached copy is a true copy of the original document.

Richard F. Trecartin
Name of Person Signing

Signature

March 31, 1999
Date

Total number of pages including cover sheet, attachments and document: [3]

OMB No. 0651-0011 (exp. 4/94)

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To the Honorable Commissioner of Patent
thereof.

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attached original documents or copy

1. Name of conveying party(ies):

- (1) Marc R. Hammerman
(2) Sharon A. Rogers

Additional name(s) of conveying
party(ies) attached? [] Yes [X] No

3. Nature of Conveyance:

- [X] Assignment [] Merger
[] Security Agreement [] Change of Name

Execution Date: 02/26/99

2. Name and address of receiving party(ies):

Internal Address:

Washington University

Street Address:

One Brookings Drive

City: St. Louis

State: MO

Zip: 63130

Additional name(s) & address(es) attached?

[] Yes [X] No

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If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s):

09/222,460

B. Patent No.(s)

Additional numbers attached? [] Yes [X] No

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Name: Richard F. Trecartin

Internal Address: FLEHR HOHBACH TEST

ALBRITTON & HERBERT LLP

Street Address:

Four Embarcadero Center, Suite 3400

City: San Francisco

State: CA

Zip: 94111-4187

6. Total number of applications
and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00

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ASSIGNMENT
(Not Accompanying Application)

WHEREAS, the undersigned:

(1) Marc R. Hammerman a resident of St. Louis, State of Missouri; and
(2) Sharon A. Rogers a resident of Edwardsville, State of Illinois,
(hereinafter termed "Inventors") have invented certain new and useful improvements in
**COMPOSITION AND METHOD FOR IMPROVING FUNCTION OF EMBRYONIC KIDNEY
TRANSPLANTS** and have executed an application for a United States patent disclosing and identifying
the invention on even date herewith; and having Serial No. **09/222,460** and filing date of **December 29,
1999**, and

WHEREAS, Washington University in St. Louis (hereinafter termed "Assignee"),
a corporation of the State of Missouri, having a place of business at One Brookings Drive, St. Louis,
State of Missouri, is desirous of acquiring the entire right, title and interest in and to said
application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore
conceived, made or discovered by said Inventor (all collectively hereinafter termed "said invention"), and
in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed
"patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said
Inventor to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee, the entire
right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply
for foreign patents on said invention pursuant to the International Convention for the Protection of
Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents
granted on said invention in the United States or any foreign country, including each and every
application filed and each and every patent granted on any application which is a division, substitution,
or continuation of any of said applications; and (d) in and to each and every reissue or extensions of any
of said patents.

2. Said Inventor hereby covenants and agrees to cooperate with said Assignee to enable said
Assignee to enjoy to the fullest extent the right title and interest herein conveyed in the United States and
foreign countries. Such cooperation by said Inventor shall include prompt production of pertinent facts
and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other
papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for
perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said
applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications
covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents;
(e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings
involving said invention and any applications therefor and any patents granted thereon, including without
limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings,
infringement actions and court actions; provided, however, that the expense incurred by said Inventor in
providing such cooperation shall be paid for by said Assignee.

3. The terms, covenants and conditions of this assignment shall inure to the benefit of said
Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors,
their heirs, legal representatives and assigns.

4. Said Inventors hereby warrant and represent that they have not entered and will not enter
into any assignment, contract, or understanding in conflict herewith.

